Approved for use through 1/31/2007. OMB 0651-0032
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE ond to a collection of information unless it displays a valid OMB con Application or Docket Number PATENT APPLICATION FEE DETERMINATION RECORD Filing Date 10/589 528 Substitute for Form PTO-975

| 0000   |              |              | -,    |                    |  |                        |           |          |
|--|--------------|--------------|-------|--------------------|--|------------------------|-----------|----------|
| APPLICA <sup>-</sup>   |              | SMALL        | NTITY | OR                 |  | HER THAN<br>ALL ENTITY |           |          |
| FOR  | NUMBER FILED | NUMBER EXTRA | П     | RATE (\$) FEE (\$) |  |                        | RATE (\$) | FEE (\$) |
| BASIC FEE<br>(37 CFR 1,16(a), (b), or (c))   | N/A          | N/A          |       | N/A                |  |                        | N/A       |          |
| SEARCH FEE<br>(37 CFR 1 16(k), (i), or (m))  | N/A N/A      |              |       | N/A                |  |                        | N/A       |          |
| EXAMINATION FEE<br>(37 CFR 1, 16(o), (p), or (q))  | N/A N/A      |              |       | N/A                |  | ]                      | N/A       |          |
| TOTAL CLAIMS<br>(37 CFR 1.16(i))   | minus 20 = * |              | l     | x \$ =             |  | OR                     | x s =     |          |
| INDEPENDENT CLAIMS<br>(37 CFR 1.16(h))   | minus 3 = *  |              |       | x \$ =             |  |                        | X \$ =    |          |
| If the specification and drawings exceed 100 sheets of paper, the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(c) |              |              |       |                    |  |                        |           |          |
| MULTIPLE DEPENDENT CLAIM PRESENT (37 CFR 1.16(j))  |              |              |       |                    |  |                        |           |          |
| * If the difference in column 1 is less than zero, enter "0" in column 2.  |              |              |       | TOTAL              |  | l '                    | TOTAL     |          |

## APPLICATION AS AMENDED - PART II

|           |   | (Column 1)                                |       | (Column 2)                                  | (Column 3)       |  |  |  |  |
|-----------|---|---|-------|---|------------------|--|--|--|--|
| AMENDMENT | 05/02/2011  | CLAIMS<br>REMAINING<br>AFTER<br>AMENDMENT |       | HIGHEST<br>NUMBER<br>PREVIOUSLY<br>PAID FOR | PRESENT<br>EXTRA |  |  |  |  |
|           | Total (37 CFR<br>1.16(i))                                       | • 10                                      | Minus | ·· 20                                       | = 0              |  |  |  |  |
|           | Independent<br>(37 CFR 1.16(h))                                 | • 2                                       | Minus | 3   | <b>=</b> 0       |  |  |  |  |
|           | Application Size Fee (37 CFR 1.16(s))                           |   |       |   |                  |  |  |  |  |
|           | FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j)) |   |       |   |                  |  |  |  |  |

| RATE (\$)             | ADDITIONAL<br>FEE (\$) |    | RATE (\$)             | ADDITIONAL<br>FEE (\$) |
|-----------------------|------------------------|----|-----------------------|------------------------|
| x s =                 |                        | OR | X \$52=               | 0                      |
| x s =                 |                        | OR | X \$220=              | 0                      |
|                       |                        |    |                       |                        |
|                       |                        | OR |                       |                        |
| TOTAL<br>ADD'L<br>FEE |                        | OR | TOTAL<br>ADD'L<br>FEE | 0                      |
|                       |                        | •  |                       |                        |

OB

SMALL ENTITY

Legal Instrument Examiner:

/STELLA LITTLE/

OTHER THAN

SMALL ENTITY

|       |   | (Column 1)                                |       | (Column 2)                                  | (Column 3)       |   |                       |                        |    |                       |                        |
|-------|---|---|-------|---|------------------|---|-----------------------|------------------------|----|-----------------------|------------------------|
| Ľ     |   | CLAIMS<br>REMAINING<br>AFTER<br>AMENDMENT |       | HIGHEST<br>NUMBER<br>PREVIOUSLY<br>PAID FOR | PRESENT<br>EXTRA |   | RATE (\$)             | ADDITIONAL<br>FEE (\$) |    | RATE (\$)             | ADDITIONAL<br>FEE (\$) |
| DMENT | 1,1600  | *   | Minus | :   |                  | ı | × s =                 |                        | OR | x s =                 |                        |
|       | (37 CFR 1.16(h))  |   | Minus | ***   |                  | ı | X \$ =                |                        | OR | x s =                 |                        |
| Z     | Application Size Fee (37 GFR 1.16(s))                           |   |       |   |                  | ı |                       |                        |    |                       |                        |
| AM    | FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j)) |   |       |   |                  | l |                       |                        | OR |                       |                        |
|       |   |   |       |   |                  |   | TOTAL<br>ADD'L<br>FEE |                        | OR | TOTAL<br>ADD'L<br>FEE |                        |

If the entry in column 1 is less than the entry in column 2, write "0" in column 3.

This collection of information is required by 37 CFR 1.16. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFB 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information U.S. Patent and Trademark Office, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

<sup>\*\*</sup> If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20".

<sup>\*\*\*</sup> If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3".

The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1